

# PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION

455 12TH STREET, S.W.

WASHINGTON, D.C. 20554

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## Report No. 351                      EXPERIMENTAL ACTIONS

The Commission, by its Office of Engineering and Technology, Experimental Licensing Branch, granted the following experimental applications during the period from 9/1/02 to 10/1/02:

- **WC2XYM    SCRIPPS INSTITUTION OF OCEANOGRAPHY, U.C. SAN DIEGO    0125-EX-PL-2002**  
New experimental to operate on 24700, 25100, 25500, 25900, 26300, and 26700 kHz for test and development of radar system for coastal monitoring of ocean currents and waves.  
Fixed & Mobile: Imperial Beach (San Diego), CA; Point Loma (San Diego), CA; La Jolla (San Diego), CA
- **WC2XZM    RAYTHEON COMPANY    0147-EX-PL-2002**  
New experimental to operate in 31.99-32, 33-33.1, 33.42-34, 37.9-38, 39.02-40, 42.02-42.94, 44.62-45.06, 45.08-45.86, 45.9-46.04, 46.06-46.5, 47.44-47.68, 153.74-154.445, 154.65-156.24, 158.73-159.21, 453.025-453.975, 458.025-458.975, 460.025-460.55, 460.575-460.625, 465.025-465.55, 465.575-465.625, 821.0125-823.9875, 866.0125-868.9875 MHz for test, development, and demonstration of a transportable command and communications system used for emergencies.  
Fixed: Garland, TX
- **WC2XTL    AXONN, LLC    0253-EX-PL-2001**  
New experimental to operate in 173.2-174, 469-470, and on 932.43125 MHz for multipoint-to-point narrowband telemetry.  
Mobile: New Haven, CT
- **WC2XRW    LOCKHEED MARTIN CORPORATION    0172-EX-PL-2001**  
New experimental to operate in 432-438 MHz for testing radar.  
Mobile: Camp Navajo area, AZ; Harquahala Valley, AZ
- **WC2XXG    MOTOROLA INC    0111-EX-PL-2002**  
New experimental to operate in 806-960 MHz to test digital land mobile radio.  
Fixed: Chicago, IL; Schaumburg, IL; Lake Zurich, IL; Arlington Heights, IL
- **WC2XYJ    MOTOROLA, INC.    0178-EX-PL-2002**  
New experimental to operate in 806-960 MHz to test digital land mobile radio.  
Mobile: Schaumburg (COOK), IL
- **WC2XYG    M&M SYSTEMS, INC.    0163-EX-PL-2002**  
New experimental to operate in 902-928 MHz to test a power meter reader.  
Fixed: Ormond Beach, FL
- **WC2XZS    TELEPHONICS WIRELESS CORPORATION    0217-EX-PL-2002**  
New experimental to operate in 902-928 and 944-960 MHz bands for test, development and demonstrations of nano-cell technology.  
Fixed: Melbourne, FL

- **WC2XYQ VAISALA INC. 0187-EX-PL-2002**  
New experimental to operate a wind profiler radar on 915 MHz for meteorologic measurements.  
Fixed: Norman, OK
- **WC2XRO LOCKHEED MARTIN CORPORATION 0146-EX-PL-2001**  
New experimental to operate on 1030 MHz, and in 1261-1289 MHz, 1335-1348 MHz, and 1353-1392 MHz for radar system testing for export.  
Fixed: Syracuse, NY; Cazenovia, NY
- **WC2XXM HIGH ALTITUDE MAPING MISSION, INC. 0118-EX-PL-2002**  
New experimental to operate in 1650-1730 MHz for testing of synthetic aperture radar.  
Fixed: Eureka, NV; Wichita, KS
- **WC2XYP INCODE TELECOM GROUP 0186-EX-PL-2002**  
New experimental to operate on 1900 MHz, 1980 MHz for commercial mobile radio service interoperability tests.  
Mobile: LaJolla (SAN DIEGO), CA
- **WC2XYV FRESNEL WIRELESS SYSTEMS LIMITED, INC. 0197-EX-PL-2002**  
New experimental to operate in 2120-2360 MHz for field testing point to point microwave equipment.  
Fixed: Melbourne (Brevard), FL
- **WC2XYX CONSULTING & ENGINEERING NEXT GENERATION NETWORK INC. 0199-EX-PL-2002**  
New experimental to operate in 2418-2483.5 MHz to test a DSSS land mobile radio system.  
Mobile: Mineral Heights, TX
- **WC2XZF RAYTHEON 0207-EX-PL-2002**  
New experimental to operate in 3100-3400 MHz for engineering and service support of radars.  
Fixed: Fullerton (Orange), CA
- **WC2XVS LOCKHEED MARTIN CORPORATION 0052-EX-PL-2002**  
New experimental to operate in 3300-3600 MHz for radar testing.  
Mobile: Bithlo (Orange), FL; Orlando (Orange), FL; Redstone Arsenal, AL
- **WC2XWC COWAVE NETWORKS 0069-EX-PL-2002**  
New experimental to operate in 3400-3500 MHz for CPE for export.  
Mobile: San Jose (SANTA CLARA), CA
- **WC2XZJ IOSPAN WIRELESS INC. 0194-EX-PL-2002**  
New experimental to operate in 3400-3600 MHz for testing Multi-in, Multi-out multiplexing technology for export.  
Fixed: San Jose (Santa Clara), CA
- **WC2XTQ FLIGHT SAFETY TECHNOLOGIES, INC. 0218-EX-PL-2001**  
New experimental to operate in 3650-3700 MHz, and 5145 MHz for fixed testing of a radar system to be used for aircraft collision avoidance.  
Fixed: Herndon, VA; Brockton, MA; Dewitt, NY
- **WC2XYO GENERAL ATOMICS AERONAUTICAL SYSTEMS, INC. 0185-EX-PL-2002**  
New experimental to operate in 5260-5850 MHz for UAV testing.  
Fixed: San Diego, CA
- **WC2XXO BRAN FERREN CORP 0124-EX-PL-2002**  
New experimental to operate in 9300-9500 MHz to test FMCW and marine radar.  
Mobile: Badwater, CA
- **WC2XZP WILLIAM R. VARECHA 0179-EX-PL-2000**  
New experimental to operate in 13750-14000 MHz for test and development of a solar powered aerial platform at 18 km altitude for delivery of TV signals.  
Mobile: Bonanza (Unitah), UT

- **WC2XYU FRESNEL WIRELESS SYSTEMS LIMITED, INC 0196-EX-PL-2002**  
New experimental to operate in 37-39.5 GHz for testing point to point microwave equipment.  
Fixed: Melbourne (Brevard), FL
- **WC2XYR WYTEC, INCORPORATED 0198-EX-PL-2002**  
New experimental to operate in 42.5-43.5 GHz for test and development of equipment for export.  
Fixed: Santa Clara (Santa Clara), CA
- **WC2XUA TELAXIS COMMUNICATIONS 0285-EX-PL-2001**  
New experimental to operate in 57-64, 71-75.5, and 81-86 GHz for test, development, and demonstration of millimeter point-to-point technology.  
Mobile: Within the Continental United States, Alaska & Hawaii